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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/595,540

04/27/2006

Hidchiro Shindo

4749-009

2574

22429 7590 07/06/2007  
LOWE HAUPTMAN BERNER, LLP  
1700 DIAGONAL ROAD  
SUITE 300  
ALEXANDRIA, VA 22314

EXAMINER

VU, HIEN D

ART UNIT

PAPER NUMBER

2833

MAIL DATE

DELIVERY MODE

07/06/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

Application No.

10/595,540

Applicant(s)

SHINDO, HIDEHIRO

Examiner

Hien D. Vu

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_.

### DETAILED ACTION

1. The specification is objected to because on page 4, lines 9-11, "1... flexible flat cable, ... 31 ... Grounding contact position" are confusing and unclear.
2. Claims 1-7 are objected to because in claim 1, line 5, "an object" is unclear; line 7, "characterized in that" is confusing; line 10, "there is provided" is unclear; claims 2-7, line 1, the terms "characterized in that" are confusing; claims 3,5, line 2, the feature "by cutting part of the shell upward" is confusing.
3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

4. (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
5. Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Ko (6338652).

Insofar as the claims can be understood, Ko, Figs. 1-6 show a connector comprising multiple signal-line terminals 22 spaced laterally from each other, an insulative housing 10,20 holding each of the terminals, and a metal shell 60 covering the housing and which connects multiple signal-line conductive portions 424 provided on one surface of an object 40 to be connected to each of the terminals and connects a grounding conductive portion 30,50 provided on the other surface of the object to be connected to the shell, the shell is formed so as to cover a top surface, a bottom surface and two side surfaces of the housing and provided a grounding contact portion 62 which

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comes into contact with the grounding conductive portion of the object to be connected on the top-surface side or the bottom-surface side of the shell.

As to claim 2, Ko shows the grounding contact portion 62 is formed in multiple places in the width direction of the shell.

As to claims 3 and 5, Ko shows the grounding contact portion is formed by cutting part of the shell upward.

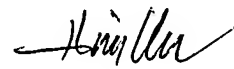
As to claims 4,6 and 7, Ko shows the housing is provided with a press-fit portion into which part of the shell is press fitted.

6. Yu (559), Walden, Parker, Ko (478), Narui, Huang, and Naro (444) are cited for disclosure of flexible cable connectors with a conductive shield.

7. Any inquiry concerning this communication should be directed to Hien D. Vu at telephone number 571-272-2016.

HV

6/24/07



HIEN VU  
PRIMARY EXAMINER